Sheet 1 of 1

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Tradamark Office	Attorney's Docket No. 09010-017006	Application No. 09/905,173
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Patrick V. Warren et al.	
		Filing Date July 12, 2001	Group Art Unit 1652

U.S. Patent Documents Publication Document Filing Date Exeminer Desig. Initial ID Number Date Patentee Class Subclass If Appropriate cited on PTO-8 5.939,250 Short 435 2 AA AB Warren, et al. 435 252.3 6,013,509 AC AD

Foreign Patent Documents or Published Foreign Patent Applications Country or Examiner Desig. **Document** Publication Translation AND THE PROPERTY OF Initial ID Number Date Patent Office Class Subclass EP 0 786519A AB EPO AF WO9807830A PCT

Other Documents (include Author, Title, Date, and Place of Publication) Examiner Desig. Initial ID **Document** cited Pro-892 AG Henner, et al., (1986) Gens, Vol. 49 (1), pages 147-152 Wetmur, et al., "Clonling, sequencing, and expression of ReaA proteins from three distantly related AΗ thermophilic eubacteria, "J. Biol. Chem. October 14, 1994, Vol. 269, No. 41, pp. 25928-25935 Brown et al., "Root of the universal tree of life based on ancient aminoapyl-tRNA synthetase gene Αľ duplications, "Proc. Natl. Acad. Sci., USA March, 1995, Vol. 92, No. 7, pp. 2441-2445

Volkl et al., "Genomic and cDNA sequence tags of the hyperthermophilic archaeon Pyrobaculum ΑJ aerophilum, "Nucleic Acids Res. 1996, Vol. 24, No. 22, pp. 4373-4378 Fernandez-Herrero et al., "glmS of Thermus thermophikus HB8: an essential gene for cell-wall synthesis identified immediately upstream of the S-layer gene," Molecular Microbiology, 17(1):1-AK 12(July 1995) Limauro et al., "Cloning and characterization of the histidine biosynthetic gene cluster of AL Streptomyces coelicolor A3(2)," Gene 99(1):31-41 (May 31, 1990) Okamoto et al., "An Aspartate Aminotransferase from an Extremely Thermophilic Bacterium, AM Thermus thermolphihus HB8," Journal of Biochemistry, 199(1):135-144 (January 1996)

Examiner Signature 8, Slobody Ol		12/10/03
EXAMINER: Initials citation considered. Draw this throug	th citation if not in conformance an	d not considered. Include copy of this form with